GOSSEN METRAWATT

SIMPLY PERFECT – SECULIFE ST

SAFE, EXTENSIVE AND EFFICIENT
ELECTRICAL SAFETY TESTING
OF MEDICAL DEVICES

SECULIFE ST-SERIES

SECULIFE ST BASE · SECULIFE ST BASE25 · SECULIFE ST PRO

.IQ

The SECULIFE ST series

test equipment for Testing of electrical
and medical equipment up to 400 V.

GOSSEN METRAWATT

IEC 62353

aktiv	Festanschluss
AWT Belegung	
Prüfergebnis	Bereit für nächste Prüfung!

Kein Prüfobjekt selektiert!

SECULIFE | ST PRO
SAFETY | TESTER

PRINT
ESC
HELP
MEM
START STOP

SECULIFE SERIES

SIMPLY PERFECT!

The new SECULIFE SERIES now offers you even more safety and ease of use during testing of electrical devices in all medical technology applications. The unique, intuitive operating concept via a rotary switch with two operating levels ensures error-free, fast and reliable testing. The optimized Test cycles and automatic test sequences also enable even more tests per day.

Your own application-specific test sequences can now be easily be created and assigned to a switch position. It is not for nothing that GOSSEN METRAWATT's test instruments with the „Green Triangle" have been a guarantee for reliable measurement results in medical technology for over 20 years.

IMPLEMENTATION OF LAWS, REGULATIONS AND STANDARDS MADE SIMPLY

The testing of the electrical safety of electrical, medical devices is important in many areas and is required by laws and regulations of authorities, operators, the public sector and insurance companies. The SECULIFE testing devices enable electrotechnically instructed persons to carry out a safe and fast test according to a wide range of different standards. Application and product standards, such as:

- IEC / DIN EN 60601
- IEC / DIN EN 62353
- IEC / DIN VDE 0701-0702
- DIN EN 60974-4

HIGHLIGHTS

2-TREE STRUCTURE *
The instruments database tree includes a "Customer" as well as a "Location" tree view.

4MM APPLIED PARTS
Easily accessible application part connections on the top of the device

TEST SEQUENCES
8 + 1 preconfigured test sequences and 24 customized sequences for testing devices quickly *

PUSH-PRINT FUNCTION *
The results of an individual test can be simply and conveniently transferred to the application software.

UDI
The administration of UNIQUE DEVICE IDENTIFICATION numbers is fully supported.

AUTOMATIC CONNECTION DETECTION
Automatic DUT connection and protection category detection

UNIVERSAL INTERFACE
For direct entry (2 ea. USB A) and data exchange (1 ea. USB B), report and barcode printing with compatible printers

OBJECT RELOCATION *
Structure elements, including subordinate elements, can be moved within the test object database in the test instrument.

EASY OPERATION
Quick access to measuring and test functions via the rotary switch with two operating levels, **direct selection keys, softkeys and touch-screen option**

ANTIMICROBIAL EQUIPMENT
Robust housing with antimicrobial effectiveness prevents colonisation by viruses and bacteria

DATA MANAGEMENT & STORAGE CONCEPT
Extensive data management and storage concept for automated test sequences and individual measurements – for up to 50,000 data records

MULTIPLE MEASUREMENT
Unique multiple measurement permits convenient recording of several measuring points.

FEATURES AND FUNCTIONS

- IZYTRONIQ, protocol and data exchange software included
- Measurement, connection type and mode of measurement can be selected with one button
- Methods for leakage current measurement selectable: direct / differential / alternative
- Testing of permanently connected devices and three-phase devices **
- Voltage measurements up to 300 V **
- Extensive setting options for international use (language, keyboard, character set, date, time)
- Testing protective conductor resistances on test objects with PRCDs
- Database extension DB+ Z583R for bidirectional data exchange, remote control and creation of own test sequences

	ST BASE IQ	ST BASE25 IQ	ST PRO IQ
	M694A	**M694B**	**M694C**
10 A test current	■	–	■
25 A R_{PE} test current	–	■	–
Touch Keyboard	■	■	■
Second Probe	■	■	■
Voltage measurement inputs	■	■	■
Antimicrobial efficacy	■	■	■
Database extension	■	■	■
DB-Comfort	❑	❑	■
Sockets for applied parts	–	–	■
IEC 60601 test sequences	–	–	■
Bluetooth	❑	❑	❑

* Included with DB Comfort
** Required depending on model and/or optional accessory

❑ Optionally available

Customer-specific variants upon request

CONNECTING INTELLIGENCE

A NEW DIMENSION OF TEST TECHNOLOGY

QUICK AND EASY SETUP OF COMPLEX STRUCTURES, UDIs AND TESTS

IZYTRON .IQ

IZYTRONIQ is a test software developed from scratch, with which the entire testing process in medical institutions can be displayed, managed and documented in an audit-proof manner. For the first time, you can combine and log measurement and test data from different test devices and multimeters and functional tests in one test.

- **INTELLIGENT** – IZYTRONIQ is revolutionizing the way you work with your test equipment.

- **SECURE** – audit-proof test documentation

- **EFFICIENT** – quick test documentation

- **SIMPLE** – intuitive operation, simple and easy to understand

- **FLEXIBLE** – can be subsequently expanded

For more information visit www.izytroniq.com

DB-COMFORT – SOFTWARE EXPANSION

ADDITIONALLY AVAILABLE

- **New "medical" database object** – device with extended entry options
- **Extended input** – New database field „Test interval" also for synchronization with IZYTRONIQ.
- **Moving test objects** – moving (medical) devices within the tree can be initiated by pressing and holding the respective element in the tree display.
- **Touch-edit** – "editing" of a (medical) device can be started by pressing and holding the respective element of the detail display in the main window.
- **Auto-store** – the auto-store function can be activated in the setup menu so that the results of automatic testing are saved immediately under the selected test object.
- **Push-print** – a computer connected to the test instrument can cause the SECULIFE ST to enter a mode in which data are transmitted directly to the connected PC instead of being stored at the tester.
- **Quick edit** – the quick edit option can be activated when entering a new test object so that all other fields can be filled out immediately after entering the ID number.
- **Searches** – searches started with the "Search All" softkey now search the new "UDI" field (unique device identification) in medical devices as well.
- **Memory** – Navigating in the memory via external keyboard (as from version 3.0.0).
- **Selection option** – „Continue test sequence in spite of violation of limit value" (as from version 3.0).

Article no.: Z583S

SIMPLY PERFECT

SIMPLY UP-TO-DATE

FOR TESTING IN ACCORDANCE WITH THE STANDARDS – EVEN TEN YEARS DOWN THE ROAD

- Adaptation of firmware to current standards
- Can be updated for future expansions and changes
- Calibration with DAkkS certificate – traceability for your ISO certification

SIMPLY MORE DIVERSE

THE SAFETY TESTER FOR ALL DEVICES UP TO 400 V WITH AND WITHOUT PLUG

- Covers a broad range of standards
- Highly accurate
- Testing with 2 test probes *
- Voltage measuring input *

SIMPLY FUTURE-PROOF

EVEN AFTER 10 YEARS, WE CAN ASSURE THAT YOUR SECUTEST WILL STILL WORK.

- 10-year service guarantee
- User support for questions about testing
- Own calibration center with DAkkS certificate

SIMPLY FASTER

FOR MORE TESTS PER DAY

- Quick test selection with the unique rotary switch
- Quick testing thanks to short, optimized test cycles
- Predefined test sequences in accordance with the standards
- Unique sequence designer for user-defined tests *
- One of the fastest test instruments on the market

SIMPLY MORE SIMPLE

FOR TESTS WHICH WORK STRAIGHT-AWAY

- Multi-stage selection knob and quick-select keys ensure simple, error-free operation
- Interactive user guidance with precise instructions
- The large color display supports user guidance
- Quick and reliable test results
- For testing that works immediately

SIMPLY MORE DURABLE

FOR INVESTMENTS THAT PAY OFF

- Rugged housing for high impact resistance
- Tried and tested design with top quality modules
- In use for 20 years in many cases

* Required depending on model and/or optional accessory

ADDED VALUE – FROM GOSSEN METRAWATT

TRAINING CENTER

Ongoing qualification enjoys top priority, because complex measuring tasks, standards and regulations are subject to continuous change. Our instructors are experienced experts who are familiar with the requirements based on their own actual practice and always keep themselves up to date.

We can provide you with:

- Training at GMC-I's training center
- Training on-site at your location
- Individualized training concepts customized to meet your needs
- Webinars on selected topics

PRODUCT SUPPORT

Our product support department makes numerous support services available, regardless of whether you need to solve a problem with a product, require on-site technical support, want help with one of our software products or are seeking technical advice regarding standards or measuring applications.

We can provide you with:

- Telephone and e-mail support for technical questions and problems
- Consultation concerning applicable standards and products
- Software support
- Extensive FAQs

CALIBRATION CENTER

Calibration as a standard feature is an essential QA factor for professional test equipment monitoring. Our calibration center is accredited per DIN EN ISO / IEC 17025 as a DAkkS calibration lab under registration no. D-K-20313-01-00.

Our services:

- DAkkS calibration
- Factory calibration
- Test equipment monitoring
- Verification of energy meters at our state-approved test laboratory
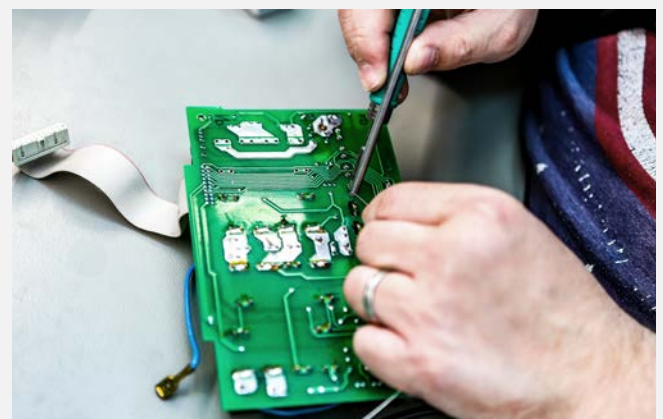

SERVICE CENTER

In order to assure that your measuring and test instruments are always ready for use, the employees at our GMC-I Service Center complete any necessary repairs quickly, reliably and economically.

Our services:

- Repair services executed by qualified personnel
- Rental instrument service
- Replacement parts for a long service life
- Update service for reliable measuring and testing in the future as well

STANDARD MODELS

SECULIFE ST BASE IQ
ARTICLE NO. M694A

- IZYTRONIQ Business Starter
- 200 mA Test current
- 10 Ampere Test current
- Touch display
- Galvanically isolated voltage measurement inputs
- Database extension
- 62353 sequences

SECULIFE ST BASE25 IQ
ARTICLE NO. M694B

- IZYTRONIQ Business Starter
- 200 mA Test current
- 10 Ampere Test current
- Touch display
- Galvanically isolated voltage measurement inputs
- Database extension
- 62353 sequences

SECULIFE ST PRO IQ
ARTICLE NO. M694C

- IZYTRONIQ Business Starter
- 200 mA Test current
- 10 Ampere Test current
- Touch display
- Galvanically isolated voltage measurement inputs
- Database extension
- 4mm applied parts
- 62353 sequences
- 62601 sequences

OPTIONS:

- Bluetooth
- Country variants
- DB Comfort

- Bluetooth
- Country variants
- DB Comfort

- Country variants

ACCESSORIES

- 3-phase current adapter (active/passive)
- Adapter for 3-phase extension cords
- Various special cables
- Calibration adapter
- Leakage current clamp meter
- Temperature sensors

- Thermal printer
- Barcode reader / barcode printer / RFID reader
- Report generating and management software with and without database
- Pouches and cases
- Option: DB Comfort

GMC INSTRUMENTS

GOSSEN METRAWATT

CAMILLE BAUER

Scan this QR code for more information about the SECULIFE range.